



Cert Paediatric Neurology(SA)

## THE COLLEGES OF MEDICINE OF SOUTH AFRICA

Incorporated Association not for gain  
Reg No 1955/000003/08

Examination for the Subspeciality Certificate in Paediatric Neurology of the  
College of Paediatricians of South Africa

21 February 2019

Paper 1

(3 hours)

*All questions are to be answered. Each question to be answered in a separate book (or books if more than one is required for the one answer)*

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- 1 Discuss encephalopathy of prematurity under the following headings
  - a) Mechanisms of injury. (10)
  - b) Clinical features that manifest later on in infancy and childhood. (8)
  - c) Neuroimaging findings. (12)
  - d) Prevention. (10)
  - e) Management. (10)[50]
  
- 2 Discuss comorbidities of epilepsies and their management, using an example of an 8-year-old girl with
  - a) Medically intractable Lennox-Gastaut Syndrome epilepsy. (30)
  - b) Childhood absence epilepsy. (20)[50]
  
- 3 Write short notes on the clinical presentation, neuroimaging findings, diagnostic investigations and management of
  - a) Bickerstaff encephalitis. (25)
  - b) Basal ganglia encephalitis. (25)[50]
  
- 4
  - a) Discuss Friedreich's Ataxia and Ataxia Telangiectasia under the following headings
    - i) Inheritance and genetics. (4)
    - ii) Clinical manifestations – neurological and non-neurological. (10)
    - iii) Neuroimaging. (6)
    - iv) Diagnosis and investigations. (10)
    - v) Management. (10)
  - b) Discuss Opsoclonus-Myoclonus under the following headings
    - i) Clinical manifestations. (6)
    - ii) Diagnosis and investigations. (4)[50]